

Addition without carryover of Numbers up to 999

Grade 2

Name: _____ Date: _____

Section A: Mental Math Speed Round ⚡

Answer as quickly as you can!

1. $421 + 7 =$ _____

2. $630 + 5 =$ _____

3. $802 + 4 =$ _____

4. $514 + 3 =$ _____

5. $701 + 8 =$ _____

6. $320 + 9 =$ _____

7. $605 + 2 =$ _____

8. $413 + 6 =$ _____

9. $241 + 5 =$ _____

10. $562 + 4 =$ _____

Section B: Vertical Addition - Two Numbers

Solve these problems using the column method. Show your work! (2 marks each = 20 marks)

11.

5 4 3

+ 8

12.

$$\begin{array}{r} 712 \\ + 46 \\ \hline \\ \hline \end{array}$$

13.

$$\begin{array}{r} 435 \\ + 243 \\ \hline \\ \hline \end{array}$$

14.

$$\begin{array}{r} 804 \\ + 71 \\ \hline \\ \hline \end{array}$$

15.

$$\begin{array}{r} 621 \\ + 356 \\ \hline \\ \hline \end{array}$$

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16.

305

+ 82

17.

540

+ 137

18.

723

+ 264

19.

412

+ 54

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20.

$$\begin{array}{r} 831 \\ + 145 \\ \hline \\ \hline \end{array}$$

Section C: Horizontal Addition Challenge 🏃

Rewrite in column form and solve.

21. $634 + 52 = \underline{\hspace{2cm}}$

22. $421 + 367 = \underline{\hspace{2cm}}$

23. $503 + 74 = \underline{\hspace{2cm}}$

24. $712 + 184 = \underline{\hspace{2cm}}$

25. $341 + 8 = \underline{\hspace{2cm}}$

26. $625 + 263 = \underline{\hspace{2cm}}$

27. $801 + 46 = \underline{\hspace{2cm}}$

28. $432 + 545 = \underline{\hspace{2cm}}$

29. $214 + 61 = \underline{\hspace{2cm}}$

30. $760 + 138 = \underline{\hspace{2cm}}$

Section D: Three Number Addition 

Add all three numbers together. Show your work! (3 marks each = 30 marks)

31.

$$\begin{array}{r} 234 \\ 142 \\ + 311 \\ \hline \\ \hline \end{array}$$

32.

$$\begin{array}{r} 502 \\ 234 \\ + 41 \\ \hline \\ \hline \end{array}$$

33.

$$\begin{array}{r} 613 \\ 172 \\ + 204 \\ \hline \\ \hline \end{array}$$

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34.

$$\begin{array}{r} 421 \\ 306 \\ +162 \\ \hline \hline \end{array}$$

35.

$$\begin{array}{r} 730 \\ 53 \\ +114 \\ \hline \hline \end{array}$$

36.

$$\begin{array}{r} 312 \\ 435 \\ +241 \\ \hline \hline \end{array}$$

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37.

$$\begin{array}{r} 543 \\ 124 \\ +220 \\ \hline \hline \end{array}$$

38.

$$\begin{array}{r} 604 \\ 181 \\ +213 \\ \hline \hline \end{array}$$

39.

$$\begin{array}{r} 205 \\ 342 \\ +451 \\ \hline \hline \end{array}$$

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40.

$$\begin{array}{r} 812 \\ 73 \\ + 114 \\ \hline \\ \hline \end{array}$$

Section E: Word Problems 

Read carefully and solve. Show all your work!

41. Maya has 345 stickers in her collection. Her grandmother gives her 432 more stickers. How many stickers does Maya have now?

Answer: _____ stickers

42. A toy store has 621 toy cars on Monday. They receive 254 more toy cars on Tuesday. How many toy cars does the store have in total?

Answer: _____ toy cars

43. Raj collected 412 stamps, his brother collected 305 stamps, and his sister collected 162 stamps. How many stamps did they collect altogether?

Answer: _____ stamps

44. A library has 703 books on the first shelf and 184 books on the second shelf. How many books are there on both shelves?

Answer: _____ books

45. In a school, there are 432 students in the morning shift and 541 students in the afternoon shift. How many students are there in total?

Answer: _____ students

46. A farmer has 534 apple trees, 243 mango trees, and 121 orange trees in his orchard. How many fruit trees does he have in all?

Answer: _____ fruit trees

47. Priya saved ₹423 in January, ₹62 in February, and ₹304 in March. How much money did she save in three months?

Answer: ₹ _____

48. A zoo has 215 birds in one aviary, 362 birds in another aviary, and 401 birds in a third aviary. How many birds are there in all three aviaries?

Answer: _____ birds

49. There are 641 red flowers and 126 yellow flowers in a garden. How many flowers are there altogether?

Answer: _____ flowers

50. A baker made 512 cookies on Friday, 73 cookies on Saturday, and 304 cookies on Sunday. How many cookies did the baker make in total?

Answer: _____ cookies

BONUS Section: Super Challenge! 🌟

Extra credit problems! Fill in the missing numbers:

$$4 _ 3$$

$$+ 2 5 _$$

$$6 8 6$$

52. Add these four numbers together. Be careful - this is a big challenge! **Numbers:** 234 + 132 + 401 + 121

+ _____

Sum: _____

Self-Check Section

Before you submit:

- ✓ Did you answer all questions?
 - ✓ Did you show your work for vertical addition?
 - ✓ Did you write units (stickers, books, etc.) in word problems?
 - ✓ Did you check your answers?
-

 **ANSWER KEY**

Section A: Mental Math Speed Round

1. $421 + 7 = 428$

2. $630 + 5 = 635$

3. $802 + 4 = 806$

4. $514 + 3 = 517$

5. $701 + 8 = 709$

6. $320 + 9 = 329$

7. $605 + 2 = 607$

8. $413 + 6 = 419$

9. $241 + 5 = 246$

10. $562 + 4 = 566$

Section B: Vertical Addition - Two Numbers

11. $543 + 8 = 551$

12. $712 + 46 = 758$

13. $435 + 243 = 678$

14. $804 + 71 = 875$

15. $621 + 356 = 977$

16. $305 + 82 = 387$

17. $540 + 137 = 677$

18. $723 + 264 = 987$

19. $412 + 54 = 466$

$20.831 + 145 = 976$

Section C: Horizontal Addition Challenge

$21.634 + 52 = 686$

$22.421 + 367 = 788$

$23.503 + 74 = 577$

$24.712 + 184 = 896$

$25.341 + 8 = 349$

$26.625 + 263 = 888$

$27.801 + 46 = 847$

$28.432 + 545 = 977$

$29.214 + 61 = 275$

$30.760 + 138 = 898$

Section D: Three Number Addition

$31.234 + 142 + 311 = 687$

$32.502 + 234 + 41 = 777$

$33.613 + 172 + 204 = 989$

$34.421 + 306 + 162 = 889$

$35.730 + 53 + 114 = 897$

$36.312 + 435 + 241 = 988$

$37.543 + 124 + 220 = 887$

$38.604 + 181 + 213 = 998$

$39.205 + 342 + 451 = 998$

$40.812 + 73 + 114 = 999$

Section E: Word Problems

$$41.345 + 432 = \mathbf{777} \text{ stickers}$$

$$42.621 + 254 = \mathbf{875} \text{ toy cars}$$

$$43.412 + 305 + 162 = \mathbf{879} \text{ stamps}$$

$$44.703 + 184 = \mathbf{887} \text{ books}$$

$$45.432 + 541 = \mathbf{973} \text{ students}$$

$$46.534 + 243 + 121 = \mathbf{898} \text{ fruit trees}$$

$$47.423 + 62 + 304 = \mathbf{₹789}$$

$$48.215 + 362 + 401 = \mathbf{978} \text{ birds}$$

$$49.641 + 126 = \mathbf{767} \text{ flowers}$$

$$50.512 + 73 + 304 = \mathbf{889} \text{ cookies}$$

BONUS Section: Super Challenge!

51. Fill in the missing numbers:

$$\begin{array}{r} 433 \\ + 253 \\ \hline 686 \end{array}$$

Missing numbers: **3** and **3**

52. Add these four numbers together:

$$\begin{array}{r} 234 \\ 132 \\ 401 \\ + 121 \\ \hline \end{array}$$

8 8 8

Sum: 888

Comments:

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